

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/533,266
Source: PLT
Date Processed by STIC: 02/07/2006

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 02/07/2006

PATENT APPLICATION: US/10/533,266

TIME: 09:37:53

Input Set : F:\seqlist.txt

Output Set: N:\CRF4\02012006\J533266.raw

```

4 <110> APPLICANT: FREEMAN, MATTHEW
6 <120> TITLE OF INVENTION: PROTOZOAN RHOMBOID PROTEINS
9 <130> FILE REFERENCE: MEWE-022
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/533,266
C--> 11 <141> CURRENT FILING DATE: 2005-04-28
11 <150> PRIOR APPLICATION NUMBER: 60/422,861
12 <151> PRIOR FILING DATE: 2002-11-01
14 <160> NUMBER OF SEQ ID NOS: 13
16 <170> SOFTWARE: FastSEQ for Windows Version 4.0
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 7
20 <212> TYPE: PRT
21 <213> ORGANISM: Drosophila melanogaster
23 <400> SEQUENCE: 1
24 Ala Ser Ile Ala Ser Gly Ala
25 1 5
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 4
30 <212> TYPE: PRT
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: synthetic motif
36 <400> SEQUENCE: 2
37 Lys Asp Glu Leu
38 1
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 27
43 <212> TYPE: PRT
44 <213> ORGANISM: Eimeria tenella
46 <400> SEQUENCE: 3
47 Gly Phe Pro Thr Ala Ala Val Ala Gly Gly Val Gly Gly Val Leu Leu
48 1 5 10 15
49 Leu Ala Ala Val Gly Gly Gly Val Ala Ala Tyr
50 20 25
53 <210> SEQ ID NO: 4
54 <211> LENGTH: 26
55 <212> TYPE: PRT
56 <213> ORGANISM: Toxoplasma gondii
58 <400> SEQUENCE: 4
59 Ser Gly Ile Ala Gly Ala Ile Ala Gly Gly Val Ile Gly Gly Leu Ile
60 1 5 10 15
61 Leu Leu Gly Ala Ala Gly Gly Ala Ser Tyr
62 20 25

```

RAW SEQUENCE LISTING

DATE: 02/07/2006

PATENT APPLICATION: US/10/533,266

TIME: 09:37:53

Input Set : F:\seqlist.txt

Output Set: N:\CRF4\02012006\J533266.raw

```

65 <210> SEQ ID NO: 5
66 <211> LENGTH: 27
67 <212> TYPE: PRT
68 <213> ORGANISM: Toxoplasma gondii
70 <400> SEQUENCE: 5
71 Ser Gly His Ala Gly Ala Ile Ala Gly Gly Val Ile Gly Gly Leu Leu
72 1 5 10 15
73 Leu Leu Ser Ala Ala Gly Ala Gly Val Ala Tyr
74 20 25
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 27
79 <212> TYPE: PRT
80 <213> ORGANISM: Toxoplasma gondii
82 <400> SEQUENCE: 6
83 Gly Val Pro Val Ala Ala Ile Ala Gly Gly Val Val Gly Gly Val Leu
84 1 5 10 15
85 Leu Ile Ala Gly Gly Ala Gly Ala Ala Val Tyr
86 20 25
89 <210> SEQ ID NO: 7
90 <211> LENGTH: 25
91 <212> TYPE: PRT
92 <213> ORGANISM: Plasmodium berghei
94 <400> SEQUENCE: 7
95 Ser Asn Asn Gly Ile Lys Ile Ala Gly Gly Ile Ile Gly Gly Leu Ala
96 1 5 10 15
97 Ile Ile Gly Cys Ile Gly Val Gly Tyr
98 20 25
101 <210> SEQ ID NO: 8
102 <211> LENGTH: 25
103 <212> TYPE: PRT
104 <213> ORGANISM: Plasmodium falciparum
106 <400> SEQUENCE: 8
107 Ser Asp Asn Lys Tyr Lys Ile Ala Gly Gly Ile Ala Gly Gly Leu Ala
108 1 5 10 15
109 Leu Leu Ala Cys Ala Gly Leu Ala Tyr
110 20 25
113 <210> SEQ ID NO: 9
114 <211> LENGTH: 26
115 <212> TYPE: PRT
116 <213> ORGANISM: Eimeria tenella
118 <400> SEQUENCE: 9
119 Gly Phe Pro Thr Ala Ala Val Ala Gly Gly Val Ala Gly Gly Val Leu
120 1 5 10 15
121 Ala Ile Ala Ala Gly Ala Gly Ala Phe Tyr
122 20 25
125 <210> SEQ ID NO: 10
126 <211> LENGTH: 27
127 <212> TYPE: PRT
128 <213> ORGANISM: Sarcocystis muris

```

RAW SEQUENCE LISTING

DATE: 02/07/2006

PATENT APPLICATION: US/10/533,266

TIME: 09:37:53

Input Set : F:\seqlist.txt

Output Set: N:\CRF4\02012006\J533266.raw

```

130 <400> SEQUENCE: 10
131 Gly Met Pro Thr Ala Ala Ile Ala Gly Gly Ile Val Gly Gly Val Leu
132 1          5          10          15
133 Leu Leu Gly Ala Ala Gly Gly Gly Ala Ala Tyr
134          20          25
137 <210> SEQ ID NO: 11
138 <211> LENGTH: 26
139 <212> TYPE: PRT
140 <213> ORGANISM: Toxoplasma gondii
142 <400> SEQUENCE: 11
143 Gly Ser Asn Thr Ala Leu Ile Ala Gly Leu Ala Val Gly Gly Val Leu
144 1          5          10          15
145 Leu Leu Ala Leu Leu Gly Gly Gly Cys Tyr
146          20          25
149 <210> SEQ ID NO: 12
150 <211> LENGTH: 30
151 <212> TYPE: PRT
152 <213> ORGANISM: Drosophila melanogaster
154 <400> SEQUENCE: 12
155 Pro Arg Pro Met Leu Glu Lys Ala Ser Ile Ala Ser Gly Ala Met Cys
156 1          5          10          15
157 Ala Leu Val Phe Met Leu Phe Val Cys Leu Ala Phe Tyr Leu
158          20          25          30
161 <210> SEQ ID NO: 13
162 <211> LENGTH: 30
163 <212> TYPE: PRT
164 <213> ORGANISM: Drosophila melanogaster
166 <400> SEQUENCE: 13
167 Asn Arg Val Met Leu Glu Lys Ala Ser Ile Val Ser Gly Ala Thr Leu
168 1          5          10          15
169 Ala Leu Leu Phe Met Ala Met Cys Cys Val Val Leu Tyr Leu
170          20          25          30

```

VERIFICATION SUMMARY

DATE: 02/07/2006

PATENT APPLICATION: US/10/533,266

TIME: 09:37:54

Input Set : F:\seqlist.txt

Output Set: N:\CRF4\02012006\J533266.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date